IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method for managing and accelerating the delivery of data implemented in a computer-readable storage medium and processed on a proxy device for performing the method, comprising:

receiving a secure communications request for data associated with a remote site, wherein the request is received from a client and the secure communications request occurs via Secure Socket Layer (SSL) communications with the client and wherein the request is received at a forward proxy that processes within a local processing environment of the client;

passing the request to a local managing service for processing acting as the forward proxy for the client, the local managing service is capable of caching the data for servicing the secure communications request of the client within the local processing environment of the client and capable of securely interfacing with the remote site, the local managing service houses an identity for the remote site and local managing service is trusted by the remote site and the remote site delegates authority to the local managing service to vend data of the remote site within the local processing environment of the client;

creating, by the proxy device, a secure communications tunnel between the client and the local managing service; and

creating, by the proxy device, another secure communications tunnel between the local managing service and the remote site, the local managing service also acts as a reverse proxy on behalf of the remote site from within the local processing environment of the client, the remote site delegates data vending on behalf of the remote site to be managed and distributed by the local managing service from within the local processing environment of the client and the local managing service presents itself to the client as the remote site.

2. (Previously Presented) The method of claim 1 further comprising:

determining, by the local managing service, when the secure communications request can be satisfied with cached data; and

supplying the data from the cached data to the client with secure communications, when present in cache.

3. (Original) The method of claim 2 further comprising:

requesting, by the local managing service, the data from the remote site if the data is not in the cache;

receiving the data from the remote site; and

supplying the data to the client with secure communications.

4. (Previously Presented) The method of claim 3 further comprising, housing the data in the cache for subsequent requests made by the client or other clients for the data, when the data is permitted to be cached.

5. (Original) The method of claim 1 further comprising, maintaining, by the local managing service, a certificate associated with communications from the remote site.

6. (Original) The method of claim 1 further comprising:

transmitting, by the local managing service, to the remote site a first certificate associated with the identity of the local managing service;

receiving, from the remote site, at the local managing service a second certificate associated with the identity of the remote site; and

communicating between the remote site and the local managing service with Secure Sockets Layer (SSL) communications using the first and second certificates.

7. (Cancelled).

8. (Currently Amended) A method of managing and accelerating delivery of data implemented in a computer-readable storage medium and to process within a local networking environment of a client for performing the method, comprising:

processing a local service of a proxy for communicating securely with the client and for

acting on behalf of the client during interactions between the client and a remote site, ~~wherein~~ the local service processes within a local environment of the client and uses Secure Socket Layer (SSL) communications when interacting with the client, and ~~wherein~~ the local service presents itself to the client as the remote site and acts as a reverse proxy on behalf of the remote site from the local environment of the client, the remote site delegates data vending from the remote site to the local service for distributing to the client;

managing authority from the remote site at the local service, wherein authority is managed by accessing a certificate of the remote site at the local service;

establishing a secure tunnel between the local service of the proxy and the client for interactions between the client and the local service;

establishing another secure tunnel between the local service and the remote site for interactions between the local service and the remote site; and

caching, within the local service, data received from the remote site, and ~~wherein~~ portions of the data are sent to the client in order to service data requests made from the client to the remote site.

9. (Cancelled).

10. (Cancelled).

11. (Original) The method of claim 8 further comprising:

initially transmitting a local service certificate to the remote site; and

subsequently communicating securely between the local service and the remote site using the local service certificate and the certificate of the remote site.

12. (Previously Presented) The method of claim 8 further comprising, establishing the proxy as a transparent proxy for the client.

13. (Original) The method of claim 8 further comprising:

inspecting at the proxy a secure request made from the client for the remote site; and

transferring the secure request to the local service for processing.

14. (Previously Presented) The method of claim 8 wherein caching further includes housing the data in a decrypted format within cache of the local service.

15. (Original) The method of claim 8 wherein caching further includes sending the portions of the data from the cache to the client along with the certificate associated with the remote site.

16. (Currently Amended) A data management and acceleration delivery system implemented in computer-readable storage media and to process on devices of a network, the system comprising:

a proxy;

a local service accessible to the proxy; and

a remote site external to the proxy, ~~wherein~~ the proxy directs secure requests received from a client for the remote site to the local service, the local service acts as a transparent proxy on behalf of the client and communicates securely with the client using Secure Socket Layer (SSL) communications via a first secure tunnel established by the proxy for interactions between the local service and the client, and the local service interacts securely with the remote site via a second secure tunnel established by the proxy for interactions between the local service and the remote site, the interactions between the local service and the remote site is to acquire data on behalf of the client acting as a reverse proxy on behalf of the remote site, the remote site delegates data vending to the local service for distribution to the client and the local service presents itself to the client as the remote site, and ~~wherein~~ portions or all of the acquired data are cached within the local service and used to service requests made by the client from within a local environment of the client.

17. (Original) The data management and acceleration delivery system of claim 16 wherein the local service includes a certificate with an identity of the remote site which is vended to the client.

18. (Original) The data management and acceleration delivery system of claim 16 wherein the local service and remote site mutually interact securely with one another by exchanging certificates with one another.

19. (Original) The data management and acceleration delivery system of claim 18 wherein the local service and the remote site sign communications occurring between them.

20. (Original) The data management and acceleration delivery system of claim 16 wherein the client is a browser application.

21. (Original) The data management and acceleration delivery system of claim 20 wherein the browser is configured to contact the proxy when making requests directed to the remote site.

22. (Original) The data management and acceleration delivery system of claim 20 wherein the proxy intercepts requests made from the browser which are directed to the remote site and forwards the requests to the local service for handling the requests.

23. (Currently Amended) A data management and acceleration delivery system implemented in a computer-readable storage medium and to process on one or more devices of a network, the system comprising:

a proxy; and

one or more local services directly accessible to the proxy, ~~wherein~~ the proxy acts as an intermediary between one or more clients and one or more remote sites, the proxy detects attempts made by the clients for establishing secure communications with the remote sites and based on the identities of a particular client and particular remote site identifies a particular local service, the particular local service communicates securely with the particular client, via Secure Socket Layer (SSL) communications as a transparent proxy to the particular client and via a first tunnel established by the proxy between the particular local service and the particular client, and the particular local service also securely communicates with the particular remote site as a reverse proxy for the particular remote service via a second tunnel established by the proxy

between the particular local service and the particular remote site, the particular remote site delegates data vending to the particular local service for distribution to the particular client and the particular local service presents itself to the particular client as the particular remote site and ~~wherein~~ the particular local service caches data received from the particular remote site for purposes of servicing requests for portions of that data requested by the particular client and the cached data resides within local environments of the particular client.

24. (Original) The data management and acceleration delivery system of claim 23 wherein each local service is associated with a unique one of the remote sites.

25. (Original) The data management and acceleration delivery system of claim 23 further comprising switching logic that intercepts requests from the clients which are directed to the remote sites and forwards them to the proxy.

26. (Cancelled).

27. (Original) The data management and acceleration delivery system of claim 23 wherein each of the local services includes a certificate associated with a unique one of the remote sites.

28. (Original) The data management and acceleration delivery system of claim 23 wherein a number of the local services communicates securely with a number of the remote sites by initially exchanging mutual certificates.